

Utah Department of Health
Bureau of Epidemiology - Tuberculosis (TB) Control
Monthly TB Case Report Summary, Utah, May 2011

TB Cases By Age Group

Age Group (in years)	Current Month		Cumulative YTD		Previous 5-yr YTD average	
	Cases	Percent	Cases	Percent	Cases	Percent
0 to 4	0	0.0	0	0.0	0.8	5.6
5 to 14	1	50.0	1	5.9	0.6	4.2
15 to 24	1	50.0	3	17.6	3.0	21.1
25 to 34	0	0.0	6	35.3	2.4	16.9
35 to 44	0	0.0	1	5.9	2.2	15.5
45 to 54	0	0.0	1	5.9	1.4	9.9
55 to 64	0	0.0	2	11.8	0.8	5.6
65 to 74	0	0.0	2	11.8	1.4	9.9
75+	0	0.0	1	5.9	1.6	11.3
Totals	2	100.0	17	100.0	14.2	100.0

TB Cases By Gender

Gender	Current Month		Cumulative YTD		Previous 5-yr YTD average	
	Cases	Percent	Cases	Percent	Cases	Percent
Male	1	50.0	10	58.8	9.4	66.2
Female	1	50.0	7	41.2	4.8	33.8
Totals	2	100.0	17	100.0	14.2	100.0

TB Cases By Race

Race	Current Month		Cumulative YTD		Previous 5-yr YTD average	
	Cases	Percent	Cases	Percent	Cases	Percent
American Indian	0	0.0	1	5.9	0.6	4.2
Asian	0	0.0	7	41.2	2.4	16.9
Black	1	50.0	2	11.8	1.8	12.7
Pacific Islander	1	50.0	2	11.8	0.6	4.2
White	0	0.0	5	29.4	8.8	62.0
Totals	2	100.0	17	100.0	14.2	100.0

TB Cases By Ethnicity

Ethnicity	Current Month		Cumulative YTD		Previous 5-yr YTD average	
	Cases	Percent	Cases	Percent	Cases	Percent
Hispanic	0	0.0	4	23.5	6.4	45.1
Not Hispanic	2	100.0	13	76.5	7.8	54.9
Totals	2	100.0	17	100.0	14.2	100.0

TB Cases By Site of Disease

Site of Disease	Current Month		Cumulative YTD		Previous 5-yr YTD average	
	Cases	Percent	Cases	Percent	Cases	Percent
Pulmonary (P)	1	50.0	7	41.2	8.2	57.7
Extrapulmonary (EP)	1	50.0	8	47.1	3.0	21.1
P & EP	0	0.0	2	11.8	3.0	21.1
Totals	2	100.0	17	100.0	14.2	100.0

TB Cases By Reporting County

County	Current Month		Cumulative YTD		Previous 5-yr YTD average	
	Cases	Percent	Cases	Percent	Cases	Percent
Beaver	0	0.0	0	0.0	0.0	0.0
Box Elder	0	0.0	0	0.0	0.0	0.0
Cache	0	0.0	1	5.9	1.4	9.9
Carbon	0	0.0	0	0.0	0.0	0.0
Daggett	0	0.0	0	0.0	0.0	0.0
Davis	0	0.0	0	0.0	1.4	9.9
Duchesne	0	0.0	0	0.0	0.0	0.0
Emery	0	0.0	0	0.0	0.0	0.0
Garfield	0	0.0	0	0.0	0.0	0.0
Grand	0	0.0	0	0.0	0.0	0.0
Iron	0	0.0	0	0.0	0.2	1.4
Juab	0	0.0	0	0.0	0.0	0.0
Kane	0	0.0	0	0.0	0.0	0.0
Millard	0	0.0	0	0.0	0.0	0.0
Morgan	0	0.0	0	0.0	0.2	1.4
Piute	0	0.0	0	0.0	0.0	0.0
Rich	0	0.0	0	0.0	0.0	0.0
Salt Lake	1	50.0	9	52.9	7.4	52.1
San Juan	0	0.0	1	5.9	0.6	4.2
Sanpete	0	0.0	0	0.0	0.2	1.4
Sevier	0	0.0	0	0.0	0.0	0.0
Summit	0	0.0	0	0.0	0.0	0.0
Tooele	0	0.0	0	0.0	0.4	2.8
Uintah	0	0.0	0	0.0	0.0	0.0
Utah	1	50.0	3	17.6	0.8	5.6
Wasatch	0	0.0	0	0.0	0.0	0.0
Washington	0	0.0	0	0.0	0.2	1.4
Wayne	0	0.0	0	0.0	0.0	0.0
Weber	0	0.0	3	17.6	1.4	9.9
Totals	2	100.0	17	100.0	14.2	100.0

TB Cases By Foreign-born (FB) Status At First US Entry

Immigration Status	Current Month		Cumulative YTD		Previous 5-yr YTD average	
	Cases	Percent	Cases	Percent	Cases	Percent
Refugees	1	50.0	3	17.6	1.6	11.3
Immigrants	0	0.0	5	29.4	5.8	40.8
Students	0	0.0	2	11.8	1.0	7.0
Other FB Status	0	0.0	5	29.4	1.6	11.3

TB Cases By Case Verification

Case Verification	Current Month		Cumulative YTD		Previous 5-yr YTD average	
	Cases	Percent	Cases	Percent	Cases	Percent
Positive Culture	1	50.0	12	70.6	11.8	83.1
Positive NAAT	0	0.0	0	0.0	0.0	0.0
Clinical	1	50.0	5	29.4	1.4	9.9
Provider	0	0.0	0	0.0	1.0	7.0
Totals	2	100.0	17	100.0	14.2	100.0

NAAT=Nucleic Acid Amplification Test

TB Cases By Primary Reason for Evaluation*

Site of Disease	Current Month		Cumulative YTD		Previous 2-yr YTD average	
	Cases	Percent	Cases	Percent	Cases	Percent
TB Symptoms	1	50.0	12	70.6	7.5	60.0
Abnormal CXR	0	0.0	1	5.9	1.0	8.0
Contact Investigation	0	0.0	0	0.0	2.0	16.0
Targeted Testing	0	0.0	0	0.0	0.5	4.0
Health Care Worker	0	0.0	0	0.0	0.0	0.0
Administrative Testing	0	0.0	1	5.9	0.0	0.0
Immigration Exam	1	50.0	2	11.8	0.0	0.0
Incidental Lab Result	0	0.0	1	5.9	1.5	12.0
Unknown	0	0.0	0	0.0	0.0	0.0
Totals	2	50.0	17	100.0	12.5	100.0

CXR=Chest X-ray

*Data not available prior to 2009.

TB Cases By Residence At Time of Diagnosis

Residence	Current Month		Cumulative YTD		Previous 5-yr YTD average	
	Cases	Percent	Cases	Percent	Cases	Percent
Private Residence	1	50.0	15	88.2	13.2	93.0
Long-term Care	0	0.0	0	0.0	0.4	2.8
Corrections	0	0.0	0	0.0	0.2	1.4
Other	1	50.0	2	11.8	0.4	2.8
Totals	2	100.0	17	100.0	14.2	100.0

TB Cases By Medical Information

Medical Information	Current Month		Cumulative YTD		Previous 5-yr YTD average	
	Cases	Percent	Cases	Percent	Cases	Percent
Reported at Death	0	0.0	0	0.0	0.4	2.8
HIV	0	0.0	0	0.0	0.4	2.8
Diabetes*	0	0.0	2	11.8	1.5	12.0
ESRD*	0	0.0	0	0.0	0.0	0.0
Immunosuppressed*	0	0.0	0	0.0	0.5	4.0
Incomplete LTBI Tx*	0	0.0	1	5.9	0.0	0.0

HIV=Human Immunodeficiency Virus; ESRD=End Stage Renal Disease;

Immunopressed=Immunosuppression (not HIV);

LTBI Tx=Latent TB infection treatment

*Data not available prior to 2009; 2-year average calculated.

TB Cases By Risk Factors in 12 Mos Prior to Diagnosis

Risk Factors	Current Month		Cumulative YTD		Previous 5-yr YTD average	
	Cases	Percent	Cases	Percent	Cases	Percent
Contact*	0	0.0	0	0.0	3.0	24.0
Homeless	0	0.0	0	0.0	0.8	5.6
Excess Alcohol	0	0.0	1	5.9	1.2	8.5
Noninjecting Drugs	0	0.0	0	0.0	0.4	2.8
Injecting Drugs	0	0.0	0	0.0	0.2	1.4

Contact=contact to infectious TB case in <=2 years prior to TB diagnosis.

*Data not available prior to 2009; 2-year average calculated.

Cumulative YTD Drug Resistant TB Cases

County	Race	Ethnic	INH	RIF	PZA	EMB	SM	Other
Utah	W	H			X			
Salt Lake	A	NH	X	X			X	Rifabutin, Ethionamide
Weber	B	NH	X					
Salt Lake	A	NH	X					

RACE: A=Asian; B=Black; I=American Indian; P=Pacific Islander; W=White

ETHNICITY: H=Hispanic; NH=Not Hispanic

INH = Isoniazid; RIF = Rifampin; PZA = Pyrazinamide; EMB = Ethambutol; SM = Streptomycin